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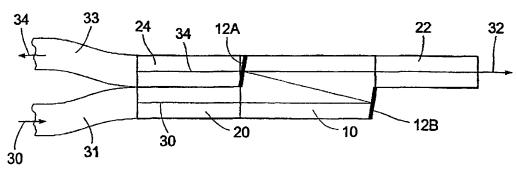
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(54) Title: SPECTROSCOPIC PROBE



(57) Abstract: A spectroscopic probe includes a monolithic block (10) of transparent material and GRIN lenses (20, 22, 24). Light for illuminating a sample is delivered by an optical fibre (31), and light scattered by the sample is output by an optical fibre (33). The block (10) has opposing angled faces (12A, 12B), coated with a dichroic filter coating and a reflective coating respectively. A method for making blocks (10) is also disclosed, in which the coatings are first provided on a large sheet, and blocks (10) are then cut from the sheet using angled cuts. Since the coated block reduces the number of components required, the probe can be miniaturised, e.g. for use in an endoscope.

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